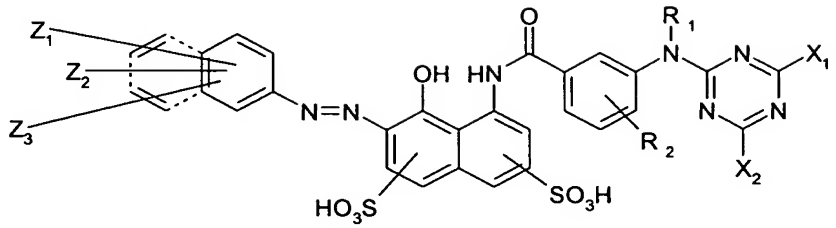
CLAIMS

1. A dyestuff of formula (I)



(I)

wherein

R_1 is H; C_{1-4}alkyl; substituted C_{1-4}alkyl; phenyl or substituted phenyl,

R_2 is H; C_{1-4}alkyl; substituted C_{1-4}alkyl; C_{1-4}alkoxy; -COOH; $-COOCH_3$; $-CF_3$; $-SO_3H$, -CN or SO_2NHR_6,

where R_6 is H, C_{1-4} Alkyl, phenyl or substituted phenyl

and

X_1 is NR_3R_4; SR_5; OH;

X_2 is NR_3R_4; SR_5; OH;

wherein

R_3 is H, C_{1-4}alkyl; substituted C_{1-4}alkyl; substituted phenyl, naphthyl or substituted naphthyl

R_4 is H; C_{1-4}alkyl; substituted C_{1-4}alkyl; substituted phenyl, naphthyl or substituted naphthyl

or R_3 and R_4 form 5- or 6-membered ring containing one or two hetero atoms, in addition to N, O or S,which heterocyclic ring is unsubstituted or substituted by one or two C_{1-4}alkyl groups

R_5 is C_{1-4}alkyl; substituted C_{1-4}alkyl; phenyl or substituted phenyl

and X_1 has not the meaning of X_2 unless X_1 or X_2 signifies SR_5 or OH;

and

Z_1 is H; C_{1-4}alkyl; substituted C_{1-4}alkyl; C_{1-4}alkoxy; -OH; -COOH; $-COOCH_3$; $-CF_3$; $-SO_3H$; amino; alkylamino, -CN or $SO_2NHR'_6$,

where R'_6 is H, C_{1-4} alkyl, phenyl or substituted phenyl

Z_2 is H; C_{1-4}alkyl; substituted C_{1-4}alkyl; C_{1-4}alkoxy ; OH; COOH; $-SO_3H$

Z_3 is H, C_{1-4}alkyl; substituted C_{1-4}alkyl; C_{1-4}alkoxy ; OH; COOH; $-SO_3H$ as free acid or in salt form, as well as mixtures thereof.

2. A dyestuff according to claim 1 characterized in that

R_1 is H; C_{1-4}alkyl; substituted C_{1-4}alkyl,

R_2 is H; C_{1-4}alkyl; substituted C_{1-4}alkyl; C_{1-4}alkoxy; -COOH or $-SO_3H$

and

X_1 is NR_3R_4; SR_5; OH;

X_2 is NR_3R_4; SR_5; OH;

wherein

R_3 is H, C_{1-4}alkyl; substituted C_{1-4}alkyl; phenyl or substituted phenyl, naphthyl or substituted naphthyl

R_4 is H; C_{1-4}alkyl; substituted C_{1-4}alkyl; phenyl or substituted phenyl, naphthyl or substituted naphthyl or

R_3 and R_4 form a 5- or 6-membered ring containing one or two hetero atoms, in addition to N, O or S, which heterocyclic ring is unsubstituted or substituted by one or two C_{1-4}alkyl groups

R_5 is C_{1-4}alkyl; substituted C_{1-4}alkyl; phenyl or substituted phenyl

and X_1 has not the meaning of X_2 unless X_1 or X_2 signifies SR_5 or OH;

and

Z_1 is H; C_{1-4}alkyl; substituted C_{1-4}alkyl; C_{1-4}alkoxy; -OH; -COOH; $-COOCH_3$; $-CF_3$; $-SO_3H$; amino; alkylamino, -CN or $SO_2NHR'_6$,

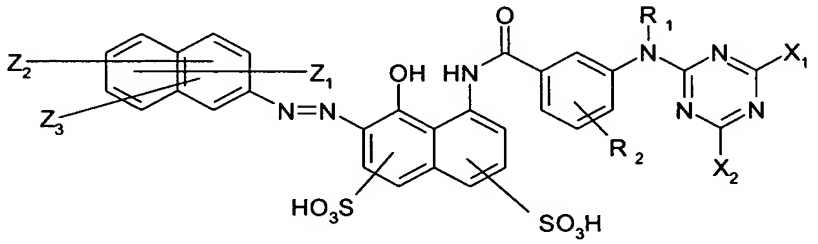
where R'_6 is H, C_{1-4} alkyl, phenyl or substituted phenyl

Z_2 is H; C_{1-4}alkyl; substituted C_{1-4}alkyl; C_{1-4}alkoxy ; OH; COOH; $-SO_3H$

Z_3 is H, C_{1-4}alkyl; substituted C_{1-4}alkyl; C_{1-4}alkoxy ; OH; COOH; $-SO_3H$

as free acid or in salt form, as well as mixtures thereof

3. A dyestuff according to claim 2 characterized by the formula (Ia)



(Ia)

wherein

R_1 is H; C_{1-4}alkyl; substituted C_{1-4}alkyl,

R_2 is H; C_{1-4}alkyl; substituted C_{1-4}alkyl; C_{1-4}alkoxy; -COOH or $-SO_3H$

and

X_1 is NR_3R_4; SR_5; OH;

X_2 is NR_3R_4; SR_5; OH;

wherein

R_3 is H, C_{1-4}alkyl; substituted C_{1-4}alkyl; phenyl or substituted phenyl, naphthyl or substituted naphthyl

R_4 is H; C_{1-4}alkyl; substituted C_{1-4}alkyl; phenyl or substituted phenyl, naphthyl or substituted naphthyl or

R_3 and R_4 form a 5- or 6-membered ring containing one or two hetero atoms, in addition to N, O or S, which heterocyclic ring is unsubstituted or substituted by one or two C_{1-4}alkyl groups

R_5 is C_{1-4}alkyl; substituted C_{1-4}alkyl; phenyl or substituted phenyl

and X_1 has not the meaning of X_2 unless X_1 or X_2 signifies SR_5 or OH;

and

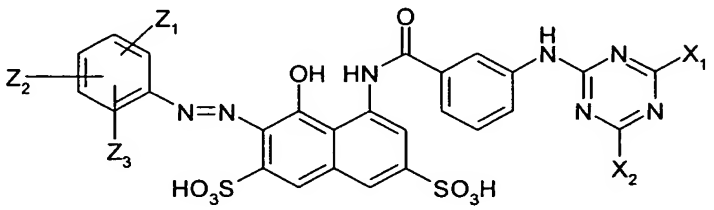
Z_1 is H; C_{1-4}alkyl; substituted C_{1-4}alkyl; C_{1-4}alkoxy; -OH; -COOH; $-COOCH_3$; $-CF_3$; $-SO_3H$; amino; alkylamino, -CN or $SO_2NHR'_6$,
where R'_6 is H, C_{1-4} alkyl, phenyl or substituted phenyl

Z_2 is H; C_{1-4}alkyl; substituted C_{1-4}alkyl; C_{1-4}alkoxy ; OH; COOH; $-SO_3H$

Z_3 is H, C_{1-4}alkyl; substituted C_{1-4}alkyl; C_{1-4}alkoxy ; OH; COOH; $-SO_3H$

as free acid or in salt form, as well as mixtures thereof

4. A dyestuff according to claim 2 characterized by the formula (Ib)



(Ib)

wherein

R_1 is H; C_{1-4}alkyl; substituted C_{1-4}alkyl,

R_2 is H; C_{1-4}alkyl; substituted C_{1-4}alkyl; C_{1-4}alkoxy; -COOH or $-SO_3H$

and

X_1 is NR_3R_4; SR_5; OH;

X_2 is NR_3R_4; SR_5; OH;

wherein

R_3 is H, C_{1-4}alkyl; substituted C_{1-4}alkyl; phenyl or substituted phenyl, naphthyl or substituted naphthyl

R_4 is H; C_{1-4}alkyl; substituted C_{1-4}alkyl; phenyl or substituted phenyl, naphthyl or substituted naphthyl or

R_3 and R_4 form a 5- or 6-membered ring containing one or two hetero atoms, in addition to N, O or S, which heterocyclic ring is unsubstituted or substituted by one or two C_{1-4}alkyl groups

R_5 is C_{1-4}alkyl; substituted C_{1-4}alkyl; phenyl or substituted phenyl

and X_1 has not the meaning of X_2 unless X_1 or X_2 signifies SR_5 or OH;

and

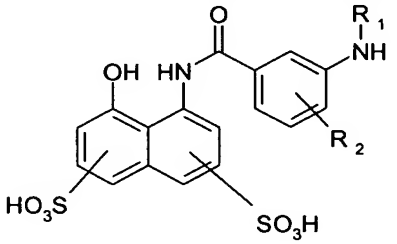
Z_1 is H; C_{1-4}alkyl; substituted C_{1-4}alkyl; C_{1-4}alkoxy; -OH; -COOH; $-COOCH_3$; $-CF_3$; $-SO_3H$; amino; alkylamino, -CN or $SO_2NHR'_6$,
where R'_6 is H, C_{1-4} alkyl, phenyl or substituted phenyl

Z_2 is H; C_{1-4}alkyl; substituted C_{1-4}alkyl; C_{1-4}alkoxy ; OH; COOH; $-SO_3H$

Z_3 is H, C_{1-4}alkyl; substituted C_{1-4}alkyl; C_{1-4}alkoxy ; OH; COOH; $-SO_3H$

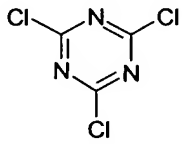
as free acid or in salt form, as well as mixtures thereof

5. A process for the preparation of a compound according to the formula (I) characterized in that in a first step a compound of formula (II)



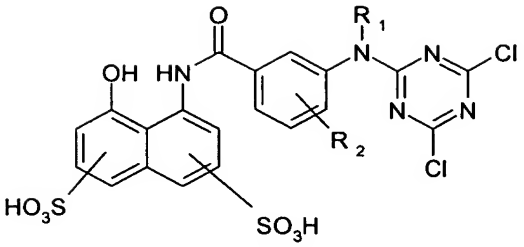
(II)

wherein all substituents have the meanings as defined above is reacted with a compound of formula (III)



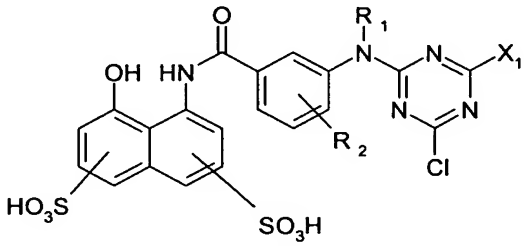
(III)

leading to compounds according to formula (IV)



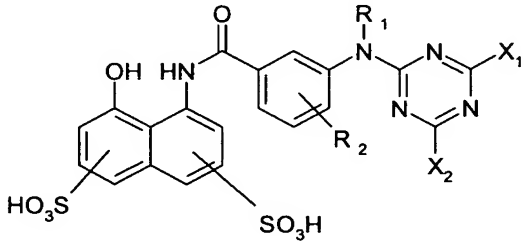
(IV)

and in a second step the product of formula (IV) is reacted with one part of a compound of formula HX_1 wherein X_1 has the formula as described above which leads to compound of formula (V)



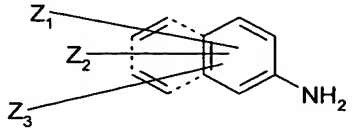
(V)

and in a third step the compound of formula (V) is condensated with a compound of formula HX_2 wherein X_2 has the formula as described above leading to compound of formula (VI)



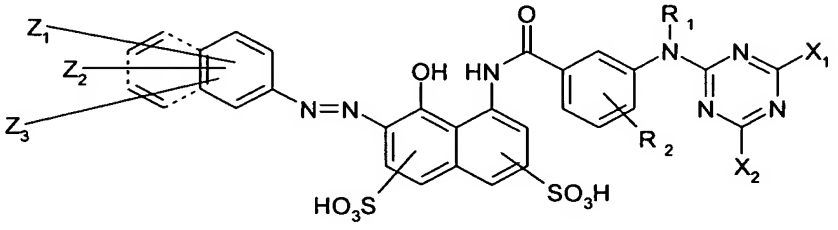
(VI)

wherein substituents R_1 and R_2 have the same meanings as defined above and in a final step a compound of formula (VI) is coupled with the diazoniumsalt of a compound of formula (VII)



(VII)

leading to the dyestuff of formula (I)



(I)

wherein all substituents have the same meanings as defined above.

6. An Ink Jet Ink comprising at least one compound according to claim 1 or 2 or 3 or 4.

7. An Ink Jet Ink according to Claims 6 characterized in that the total content of salts is less than 0.5% by weight, based on the total weight of the dyes.

8. Use of compounds according to claim 1 or 2 or 3 or 4 for printing recording material and/or in an inkjet printing process for printing recording materials and/or dyeing substrates comprising cellulose.

9. Use according to claim 8 characterized in that the recording material is paper or a papery substrate.

10. A recording material or a papery substrate or substrates comprising cellulose printed or dyed with a compound according to claim 1 or 2 or 3 or 4.